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# Pole and Conduit Databases & Applications in California

## AT&T

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## Overview Databases to track Poles, Attachments, and Conduit

**AT&T uses separate databases to track its conduit and utility pole structures. These databases serve unique purposes.**

### **AT&T Records and Mechanized Inventory Suite- Design Tool (ARAMIS-DT) tracks**

- Conduit
- Manholes
- Cables
- Equipment
- Third Party Conduit Occupants

### **Joint Pole Management and Tracking System (JPMTS) tracks**

- Pole locations
- Pole Details, e.g. Pole Length, Age, Heights of Attachments
- Pole Ownership
- Third Party Attachments
- O-Calc Pro Pole Load Calculations
- Project Management of Pole Replacement Projects

## Other Databases

**AT&T uses separate databases to track its conduit and utility pole structures. These databases serve unique purposes and have been developed overtime to track and manage AT&T's conduit and utility pole assets across the company's national footprint.**

### **Structure License Inventory Management System (SLIMS) tracks**

- 3<sup>rd</sup> party applications to attach to AT&T's poles or facilities placed in AT&T's conduits and manholes. The information includes:
  - Milestone dates from receipt of an application through application approval, construction, inspection, and billing
- This database keeps track of the number of pole attachments by third parties within specific geographical areas.

### **Southern California Joint Pole Committee and Northern California Joint Pole Association Pole Databases FRIEND**

- Identifies jointly owned poles by Pole Tag Number
- Details billing information processed by the NCJPA or SCJPC on the pole
- Lists location, ownership, age, and length
- Facilitates creating the paperwork to purchase interest into joint poles for new attachments



## Sharing information with 3rd Party Attachers

### **AT&T Provides information on Structures upon request**

- Pole Records
  - Pole Details, e.g. age, length, space and grade
- Conduit Paths and Manholes
- Conduit Occupancy Records

### **Confidentiality**

- National Security Concerns
- specifics regarding AT&T's network/services
- Specifics about third party CLEC network/services

## Conclusion

- AT&T functions in the dual role of a joint pole owner as well as a third party tenant in some areas.
- AT&T's experience shows that generally, while the processes and procedures currently in place in the NCJPA, SCJPC, and other joint owners and tenants of poles allow an attacher to obtain the necessary information to perform pole load calculations and to access poles with new pole attachments, there are areas where improvements are needed.
- One such area is making information and data for load calculation and facilities attachment **readily accessible** to the attacher within a reasonable time frame.
- Based on our experience in other states, it is our view that accessibility can be accomplished more effectively by managing the notification process among pole owners and tenants using technology to improve communication and access to data.